

Fig 1(a)

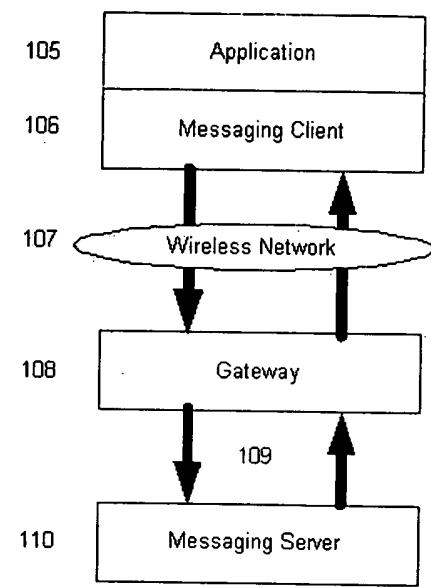


Fig 1(b)

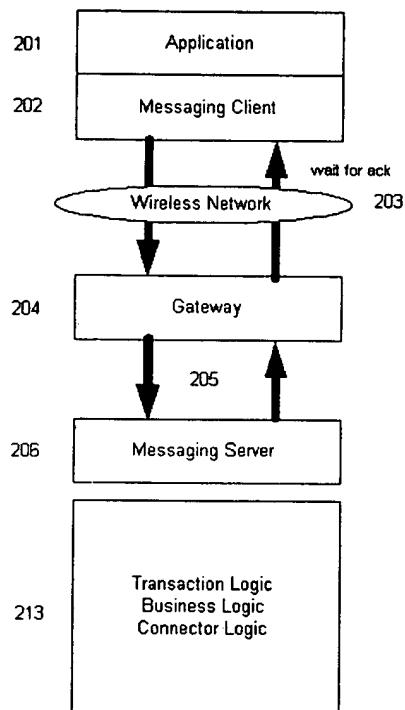


Fig 2(a)

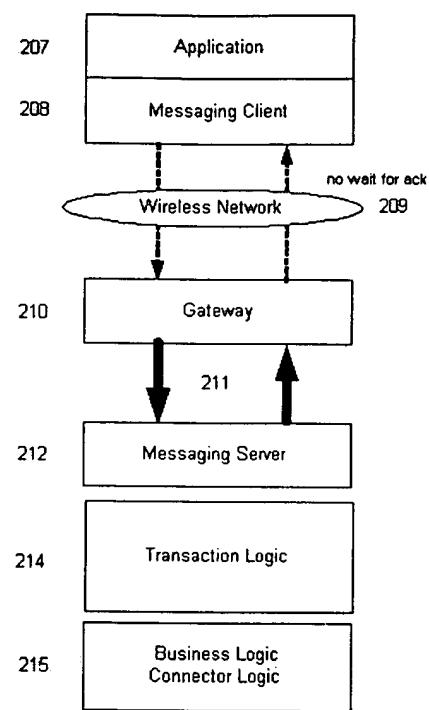


Fig 2(b)

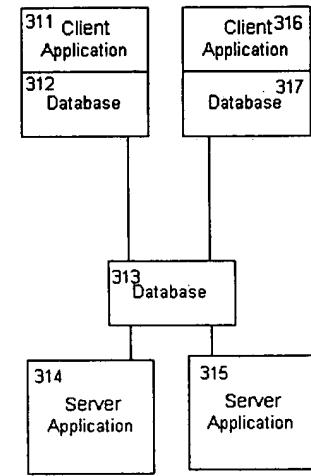
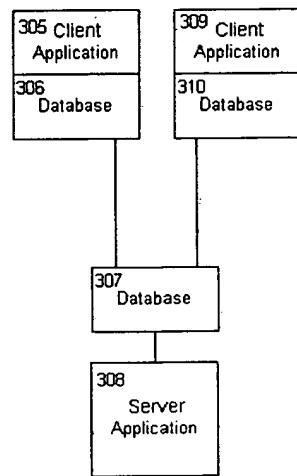
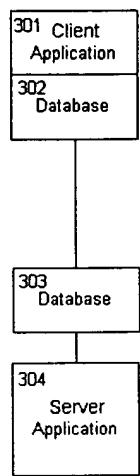


Fig 3(a)

Fig 3(b)

Fig 3(c)

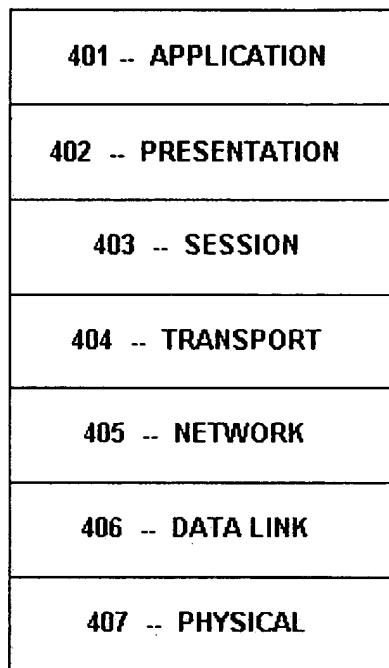
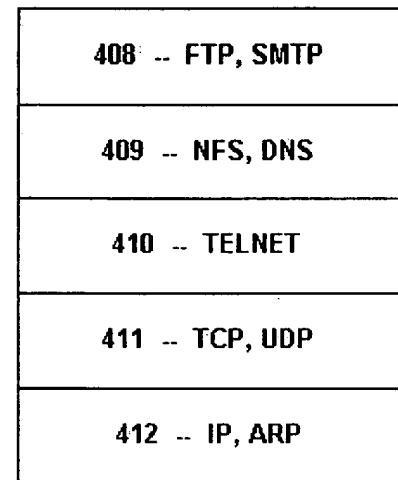
OSI**TCP/IP**

Fig 4(a)

Fig 4(b)

501	Application	Application	Application
502	HTTP		
503	TCP		
504	IP		
505	LAN driver	WiFi driver	GPRS driver
506	LAN NIC	WiFi NIC	GPRS NIC

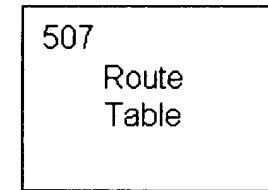


Fig 5

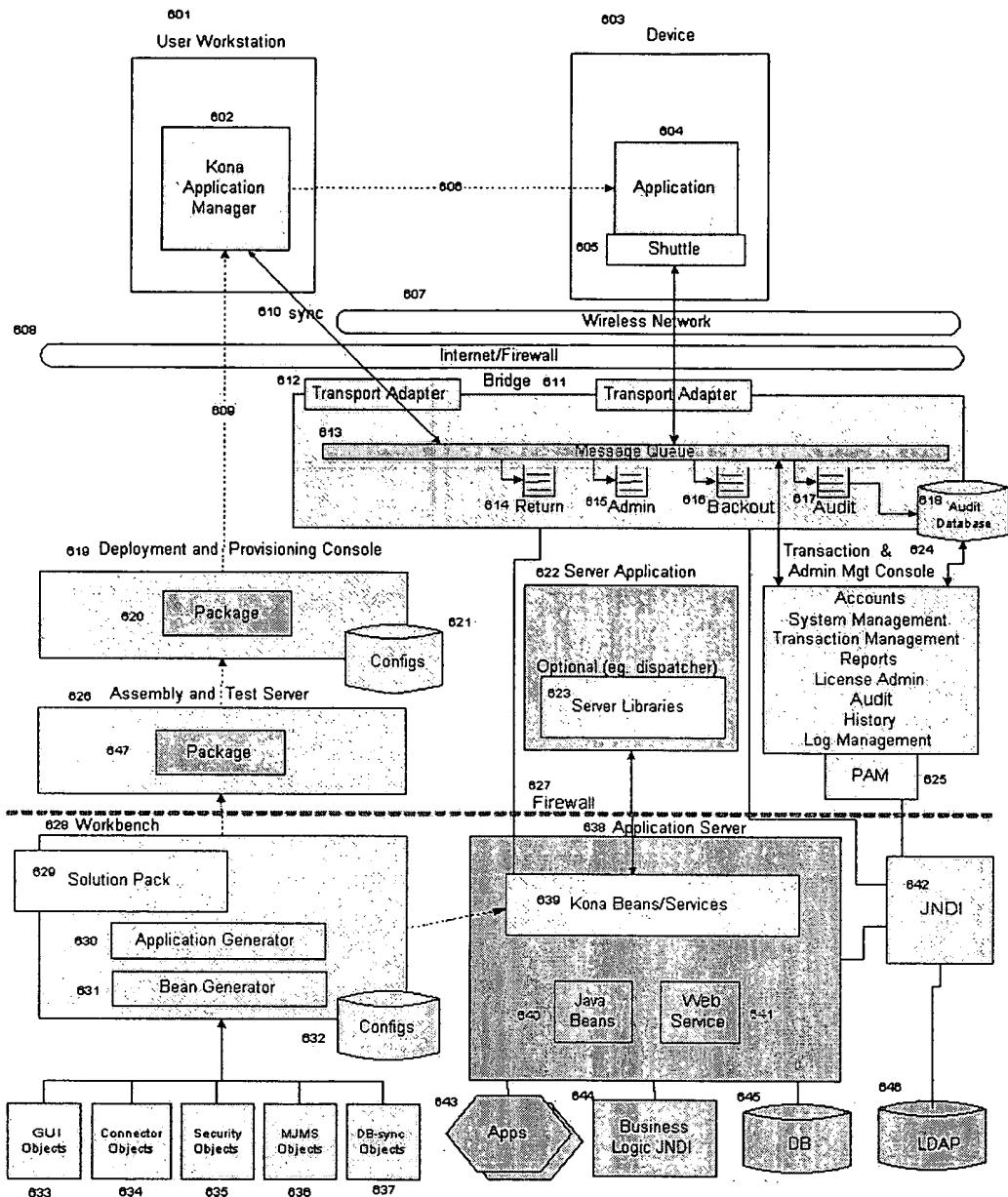


Fig 6

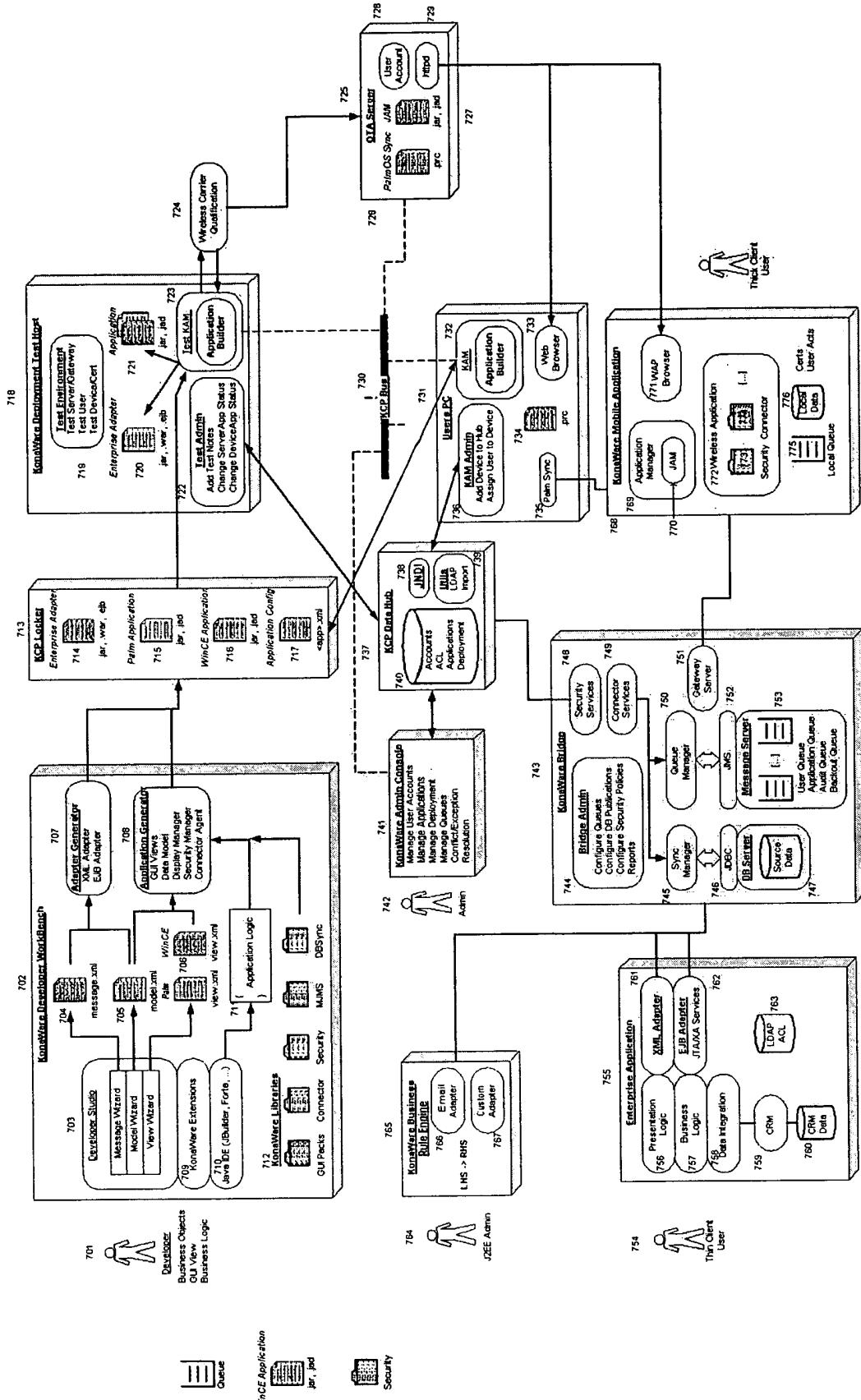


Fig 7

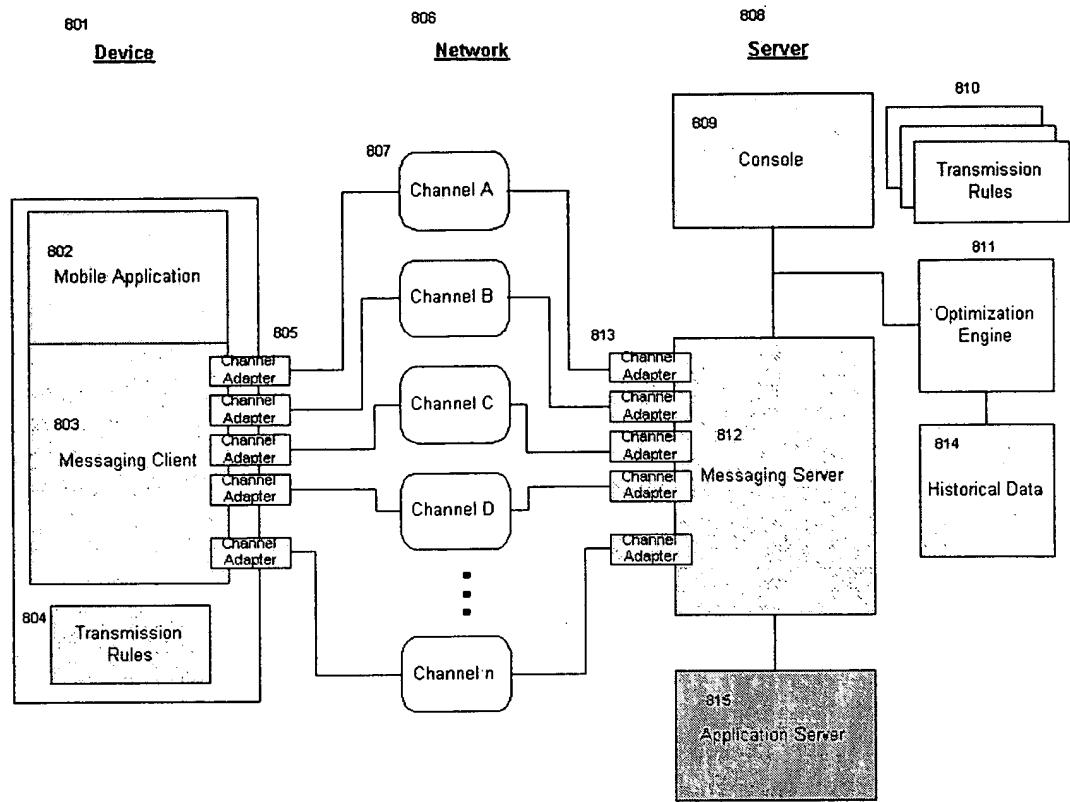


Fig.8

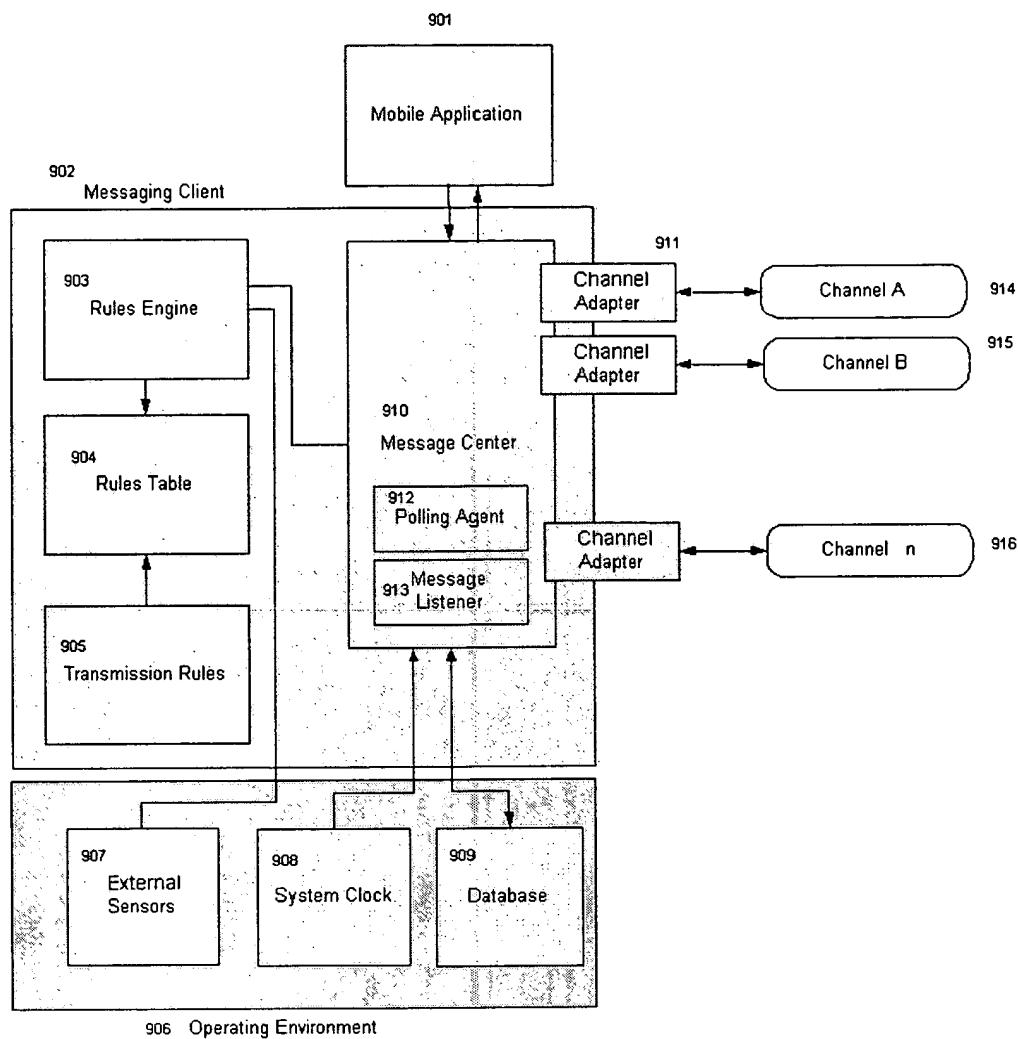


Fig 9

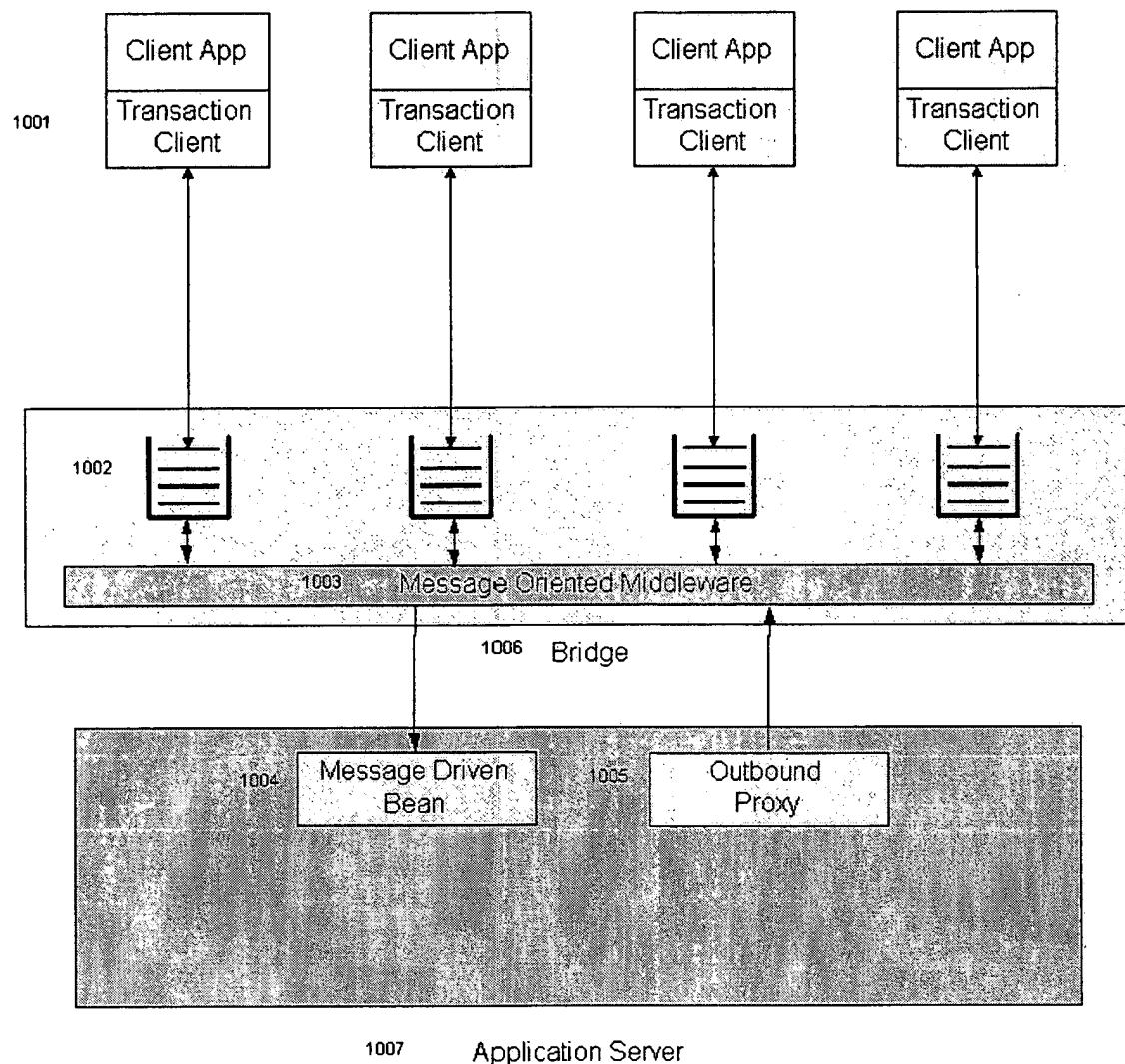


Fig 10

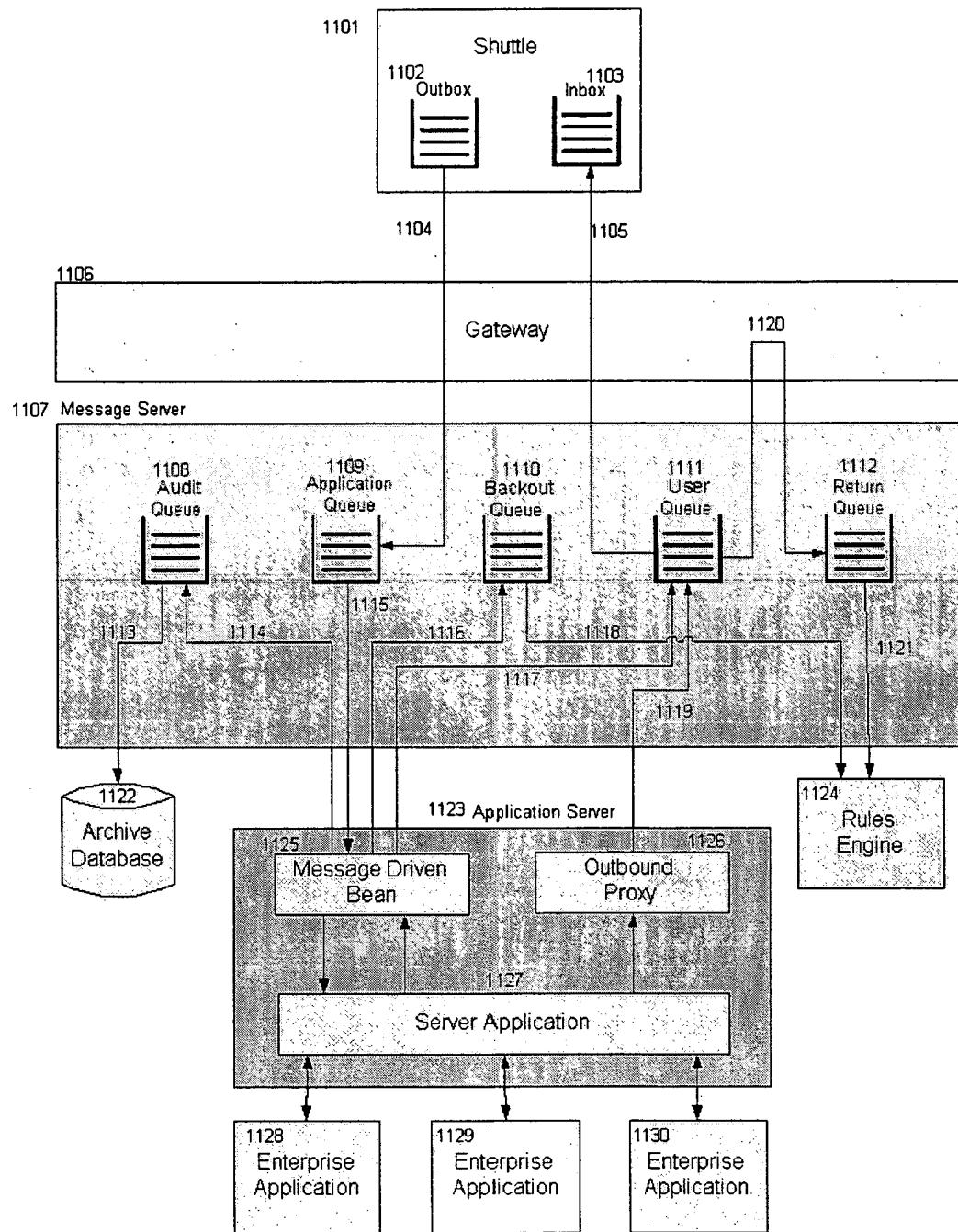


Fig 11

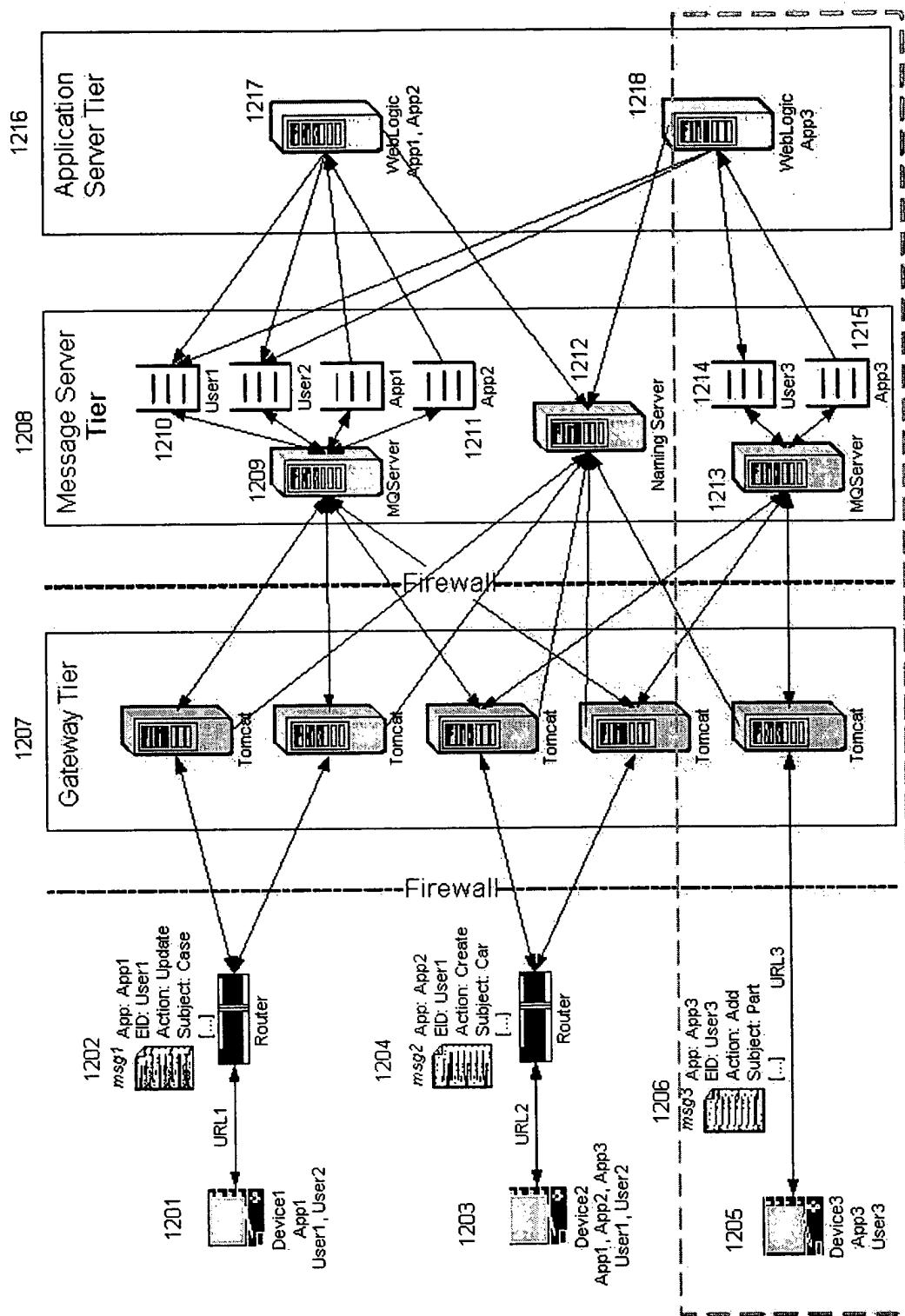


Fig 12

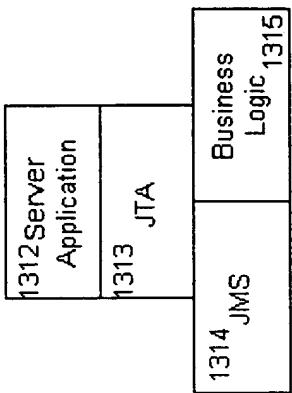


Fig 13(a)

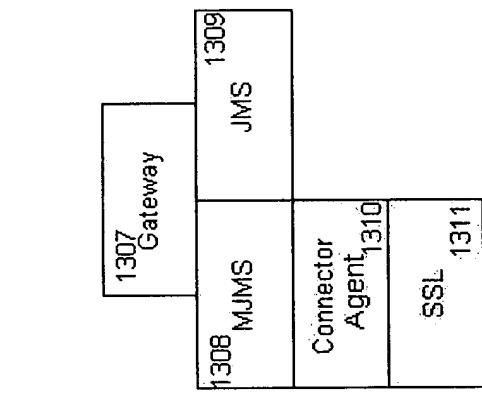


Fig 13(b)

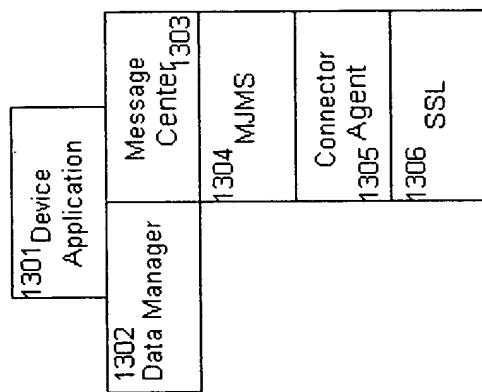


Fig 13(c)

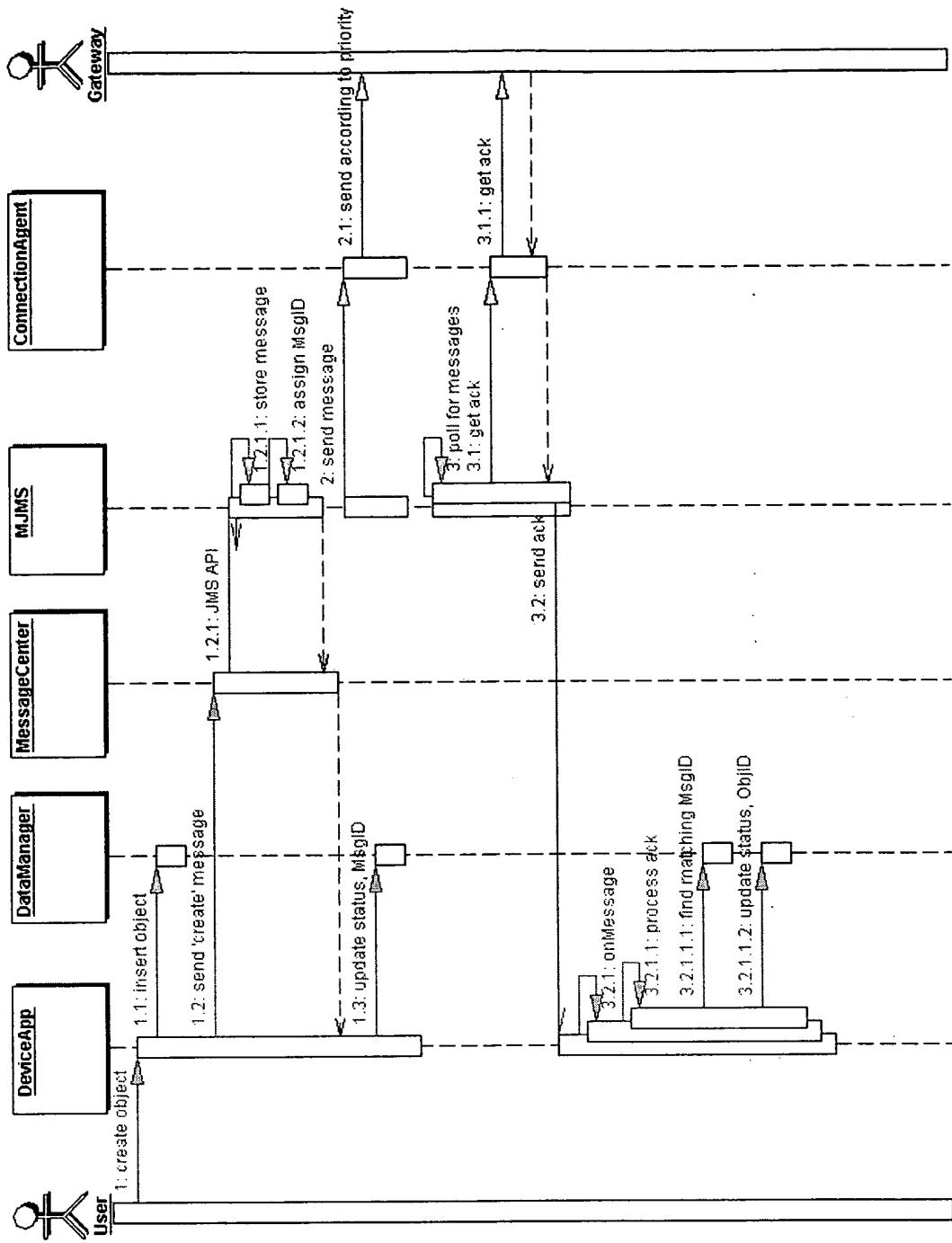


Fig 14

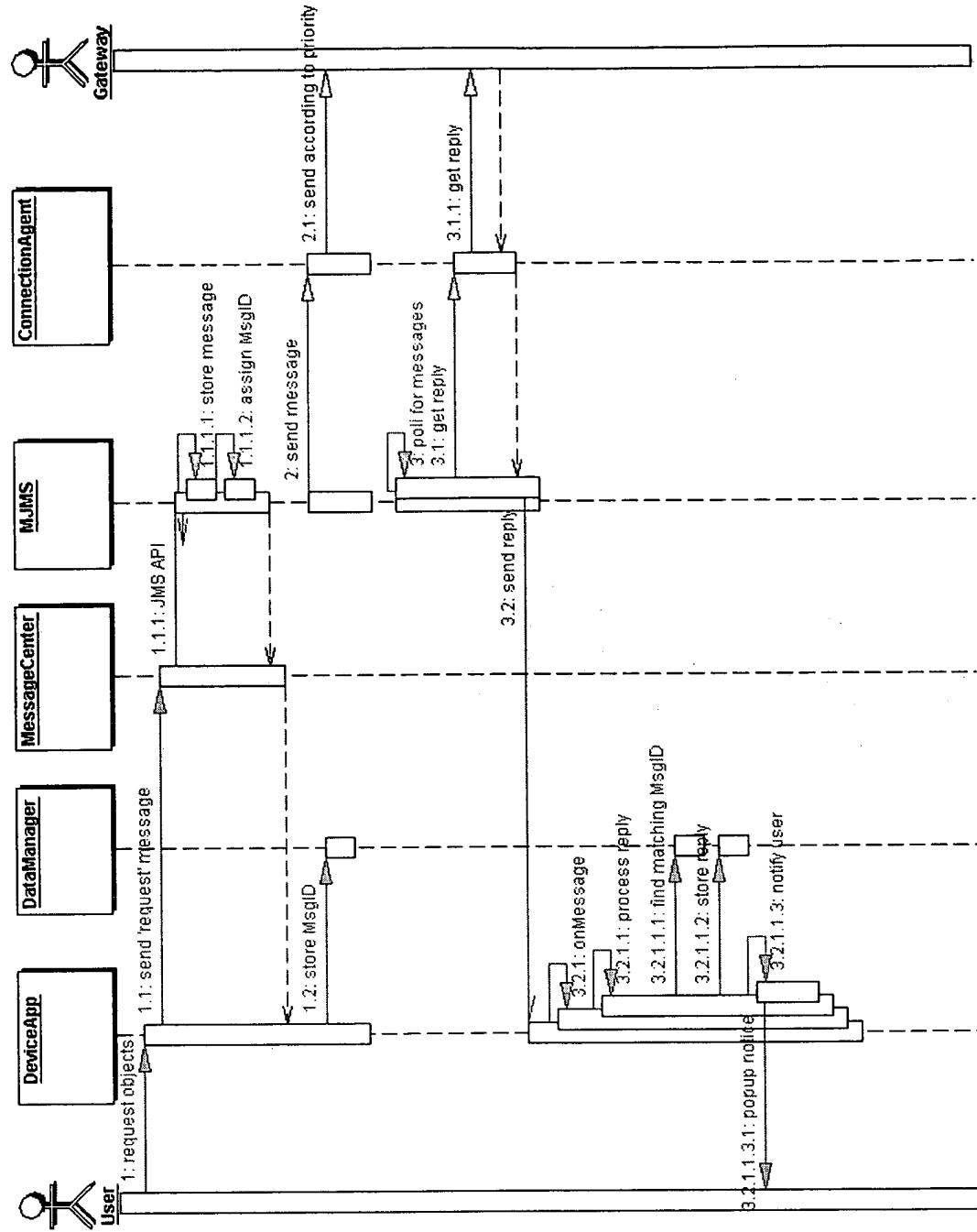


Fig 15

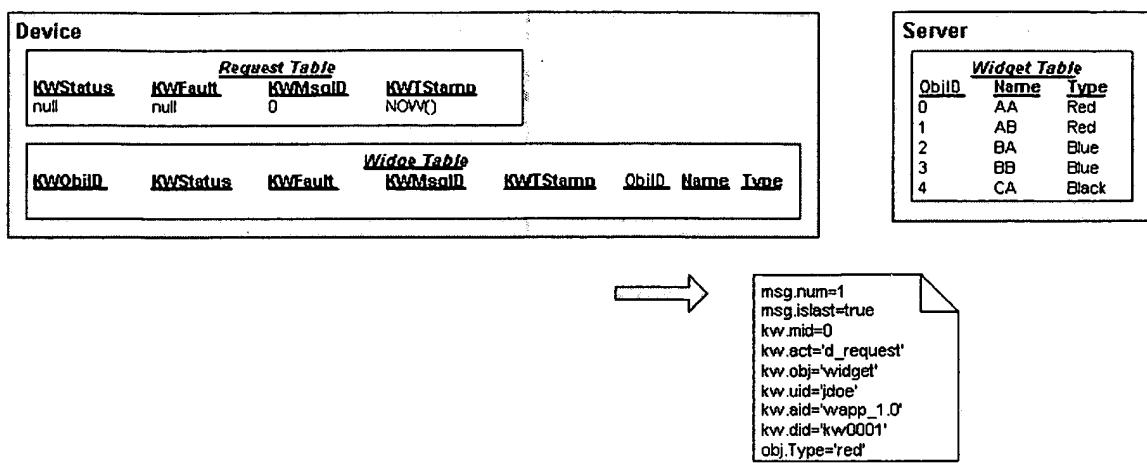


Fig 16

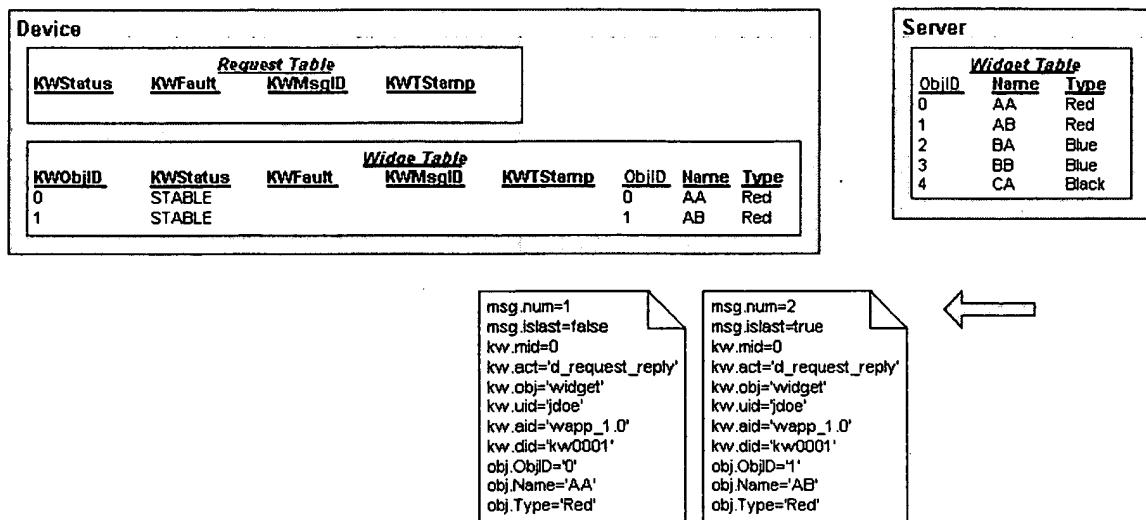


Fig 17

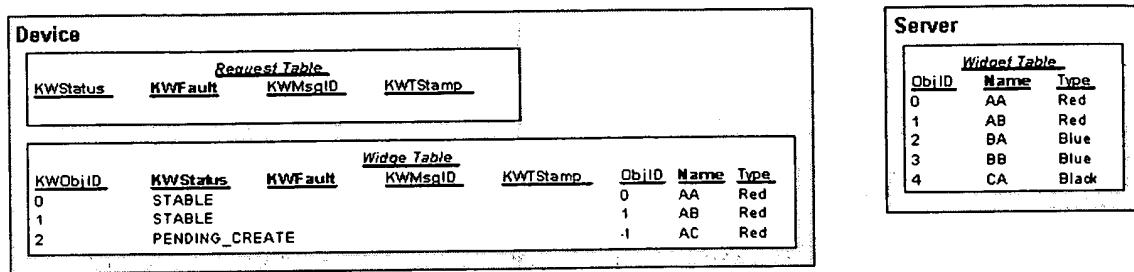


Fig 18

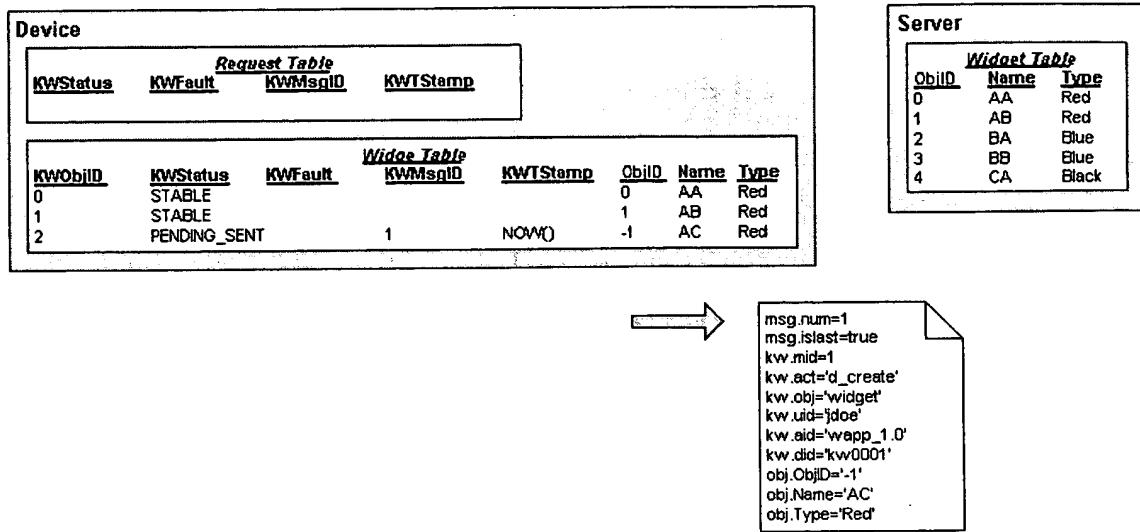


Fig 19

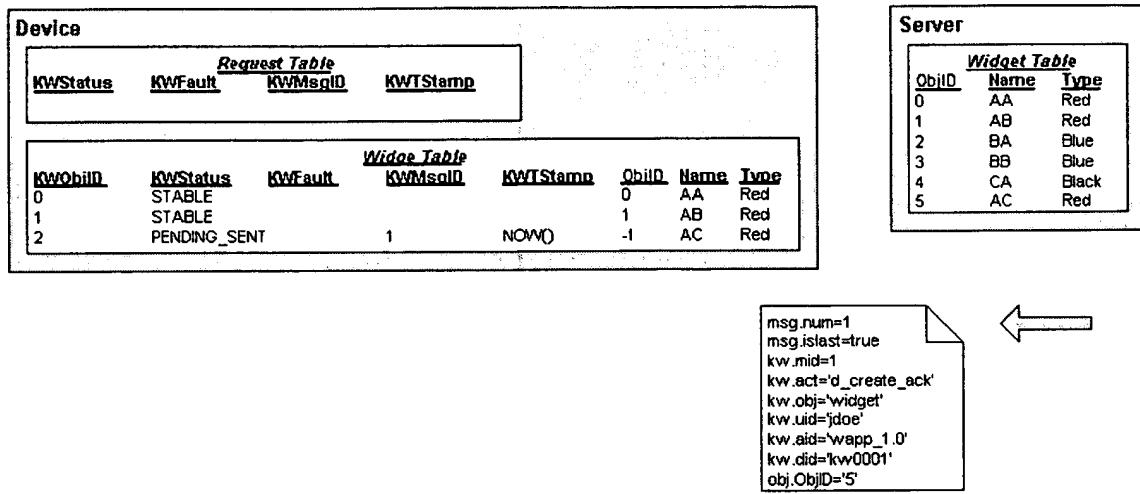


Fig 20

Device

<u>Request Table</u>			
<u>KWStatus</u>	<u>KWFault</u>	<u>KWMsgID</u>	<u>KWTStamp</u>

<u>Widget Table</u>							
<u>KWObjID</u>	<u>KWStatus</u>	<u>KWFault</u>	<u>KWMsgID</u>	<u>KWTStamp</u>	<u>ObjID</u>	<u>Name</u>	<u>Type</u>
0	STABLE				0	AA	Red
1	STABLE				1	AB	Red
2	STABLE				5	AC	Red

Server

<u>Widget Table</u>		
<u>ObjID</u>	<u>Name</u>	<u>Type</u>
0	AA	Red
1	AB	Red
2	BA	Blue
3	BB	Blue
4	CA	Black
5	AC	Red

Fig 21

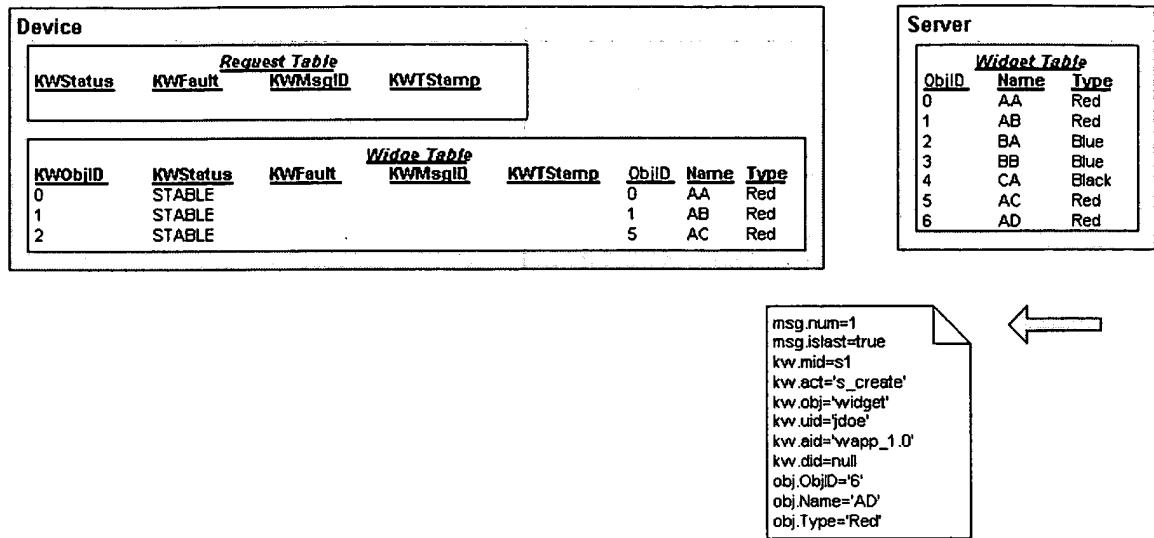


Fig 22

Device

<u>Request Table</u>			
<u>KWStatus</u>	<u>KWFault</u>	<u>KWMsgID</u>	<u>KWTStamp</u>

<u>Widget Table</u>							
<u>KWObjID</u>	<u>KWStatus</u>	<u>KWFault</u>	<u>KWMsgID</u>	<u>KWTStamp</u>	<u>ObjID</u>	<u>Name</u>	<u>Type</u>
0	STABLE				0	AA	Red
1	STABLE				1	AB	Red
2	STABLE				5	AC	Red
3	STABLE				6	AD	Red

Server

<u>Widget Table</u>		
<u>ObjID</u>	<u>Name</u>	<u>Type</u>
0	AA	Red
1	AB	Red
2	BA	Blue
3	BB	Blue
4	CA	Black
5	AC	Red
6	AD	Red

Fig 23

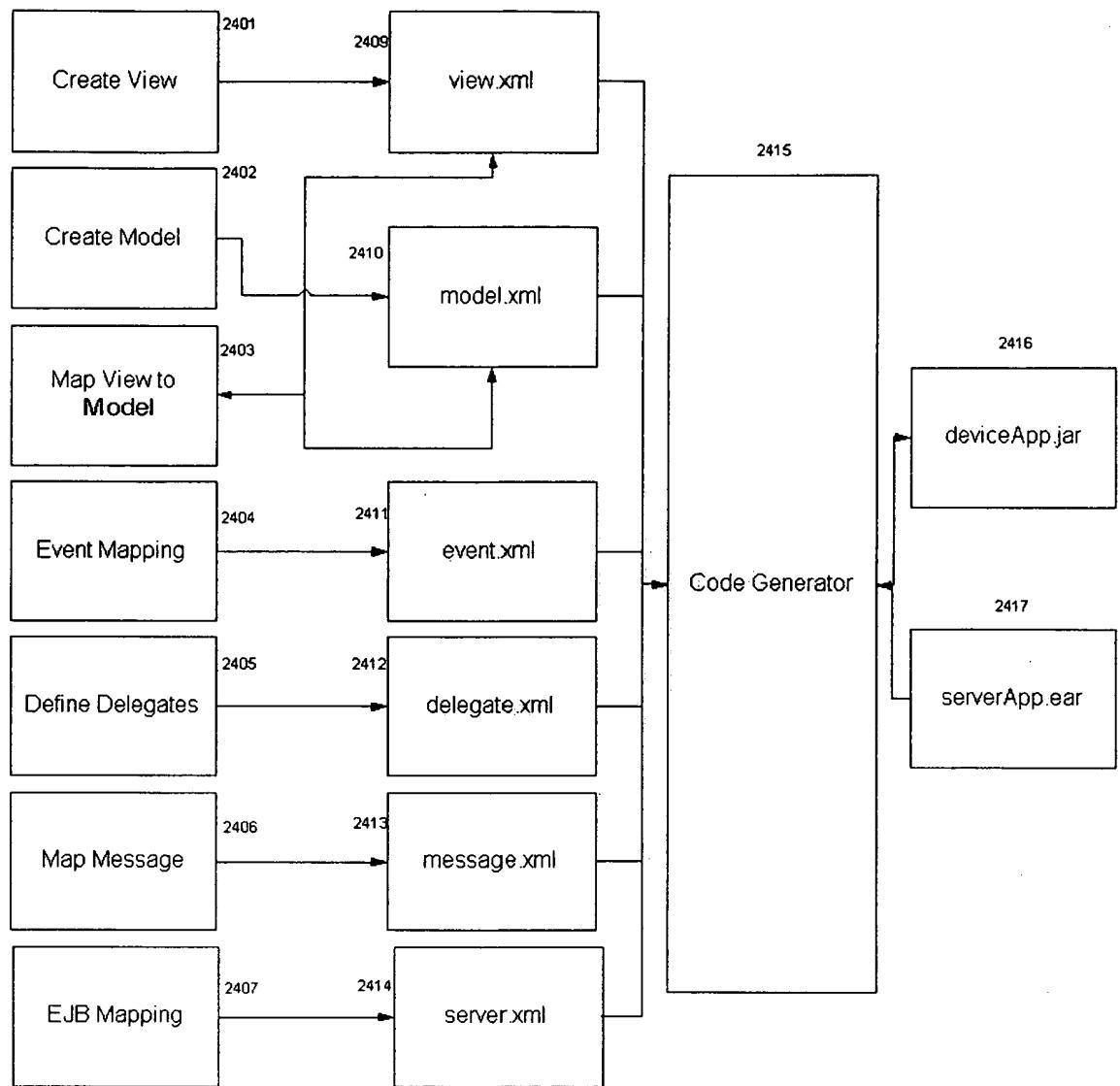


Fig 24

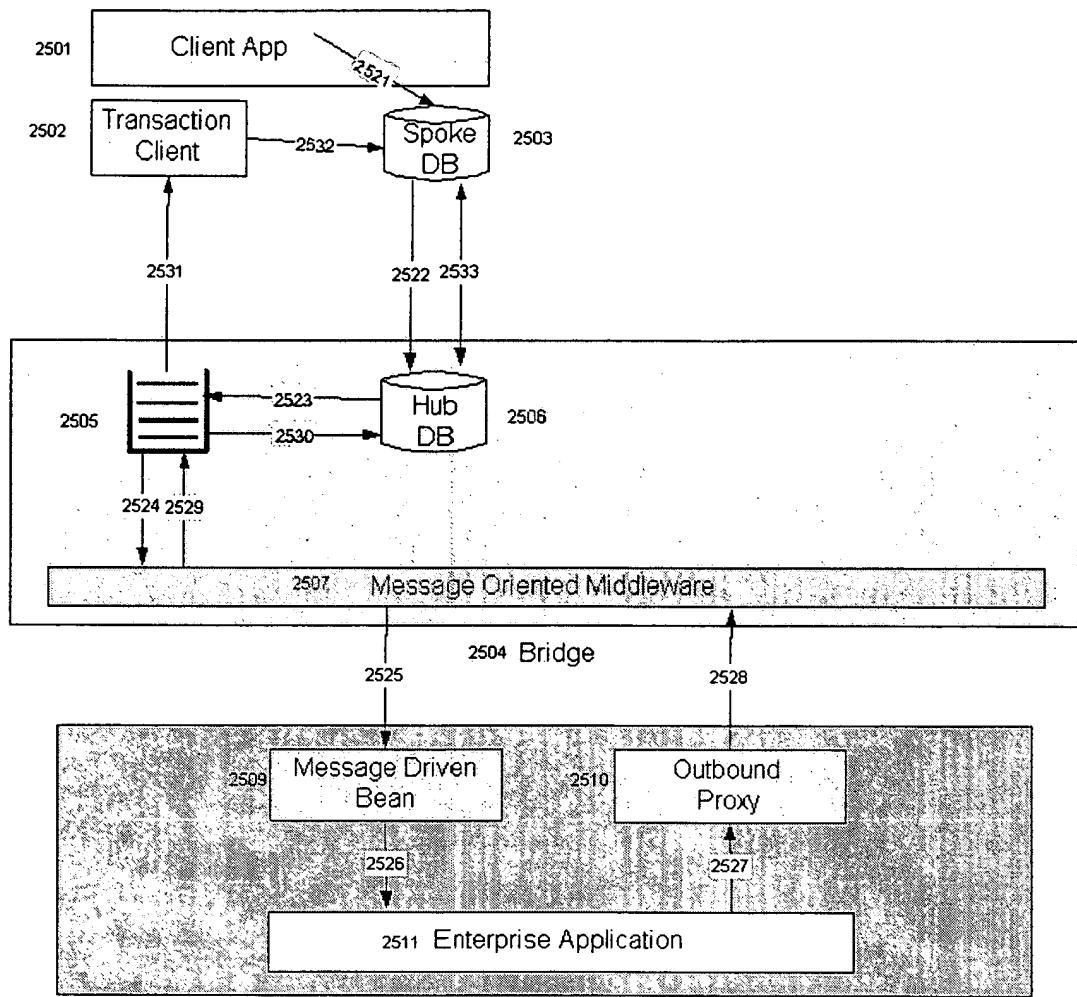


Fig 25

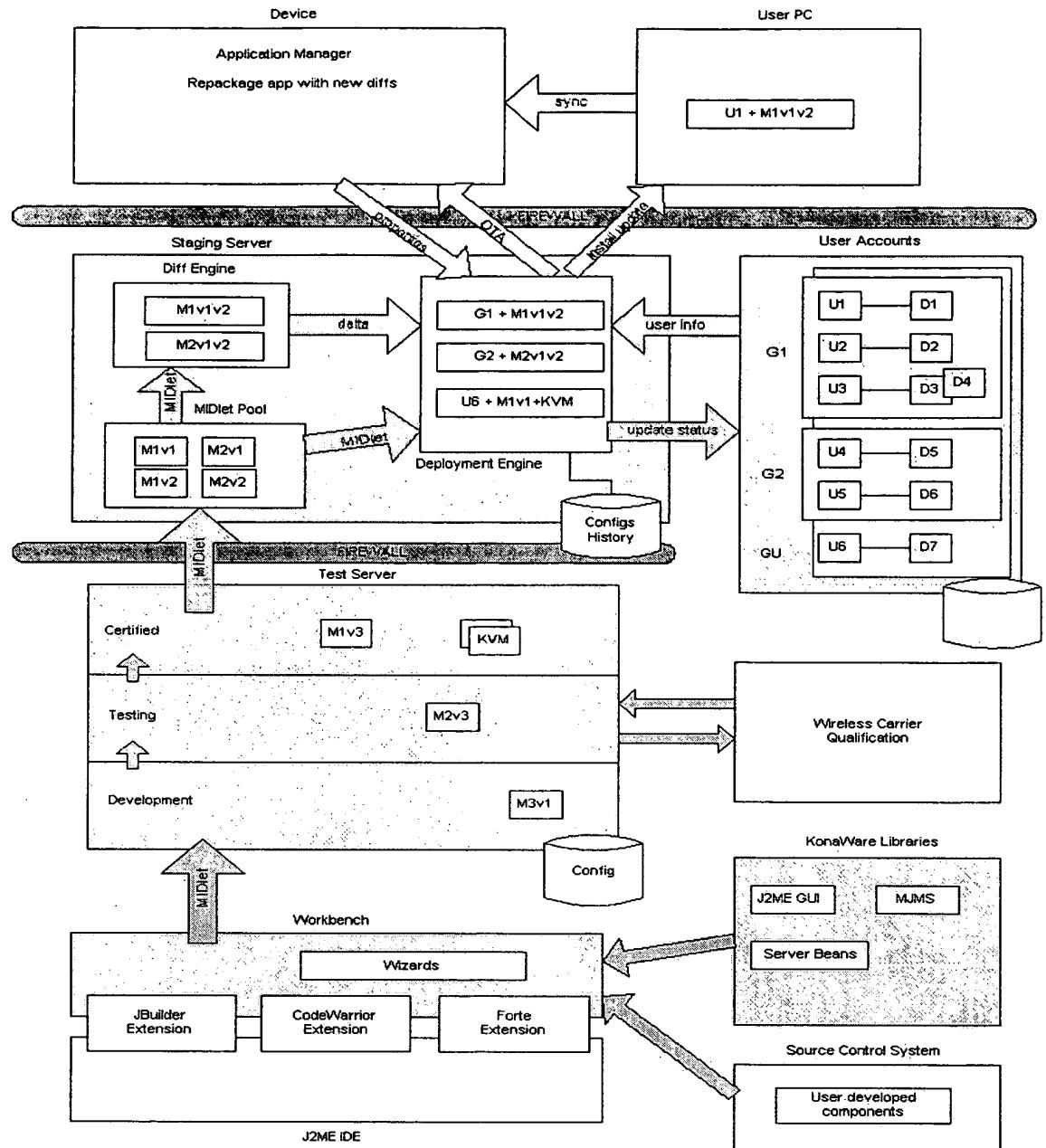


Fig 26

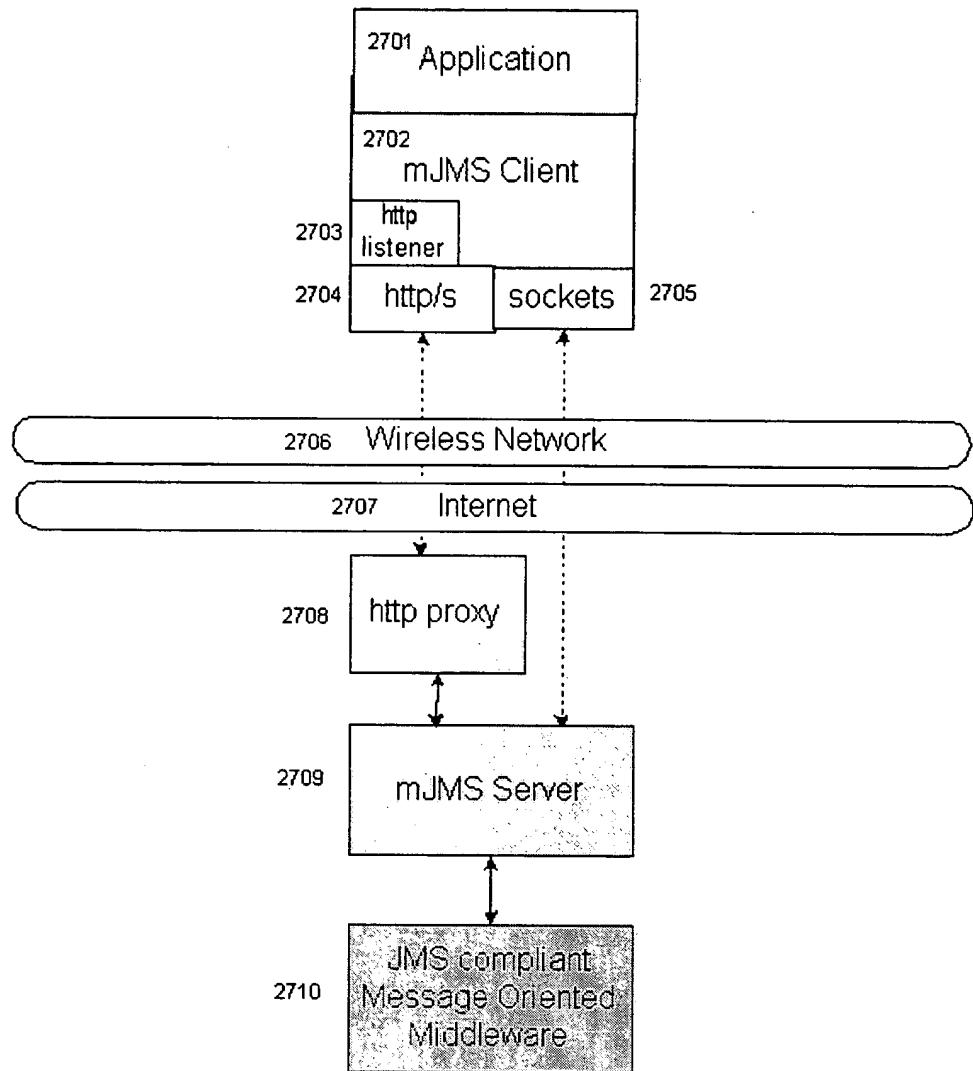


Fig 27